

Notice of Allowability

Application No.

09/668,811

Examiner

Joseph C. Merek

Applicant(s)

HARGETT ET AL.

Art Unit

3727

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/27/04.
2. ☒ The allowed claim(s) is/are 23,25,26,28-30 and 32-35.
3. ☒ The drawings filed on 23 September 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Joseph C. Merek
Primary Examiner
Art Unit: 3727

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 6/28/04 has been entered.

Upon further consideration the previous rejection of Lautenschlager (DE 93 09 255) in view of Bennett (US 5,427,741) has been withdrawn. The amended claim require that the composite sleeve has an inner layer of tetrafluoroethylene, a wound layer adjacent to and concentric with the inner layer, a structural polymer layer on said wound layer, and an outer layer of tetrafluoroethylene on the structural polymer layer. Lautenschlager '255 as seen in Fig. 2, teaches the cap with the lower beveled edge with a choke cylinder that depends from the lower beveled edge but does not teach making the reinforcing sleeve from tetrafluoroethylene and does not teach the wound layer in the reinforcing sleeve. The reinforcing sleeve of Lautenschlager '255 is made from a partially microwave absorptive material. Bennett '741, as seen in Fig. 4 teaches adding wound layers in the reinforcing sleeve but does not teach making the reinforcing sleeve from tetrafluoroethylene. The combination does not teach the claimed structure.

Terminal Disclaimer

The terminal disclaimer filed on 6/28/04 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of 6.287,526 has been reviewed and is accepted. The terminal disclaimer has been recorded.

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

In the specification:

Line 4, --,now U.S. Patent 6,534,140-- has been inserted after "1999".

In the abstract:

The abstract has been replaced with the following new abstract:

Abstract of the Disclosure

The vessel assembly includes a polymeric cylinder and a circular polymeric cap for the cylinder, the cylinder being closed at one end and open at the other end to

Art Unit: 3727

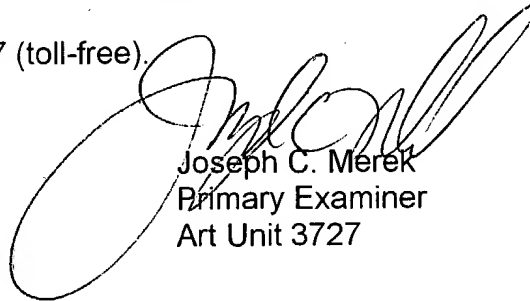
receive the cap. The open end of the cylinder has a lip that is beveled inwardly from the open end, and the circular polymeric cap has a beveled lower edge that engages the beveled lip when the cap is placed upon the polymeric cylinder. For high pressure applications, a choke cylinder depends from the beveled lower edge of the cap, and has an outer diameter substantially the same as the inner diameter of the polymeric cylinder so that the choke provides a self sealing mechanism for the cylinder as pressure from a chemical reaction increases within the cylinder. A composite sleeve surrounds the polymeric cylinder, and includes at least one wound fabric layer in which the winding can be a filament or a yarn.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph C. Merek whose telephone number is (703) 305-0644. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lee Young can be reached on (703) 308-2572. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 3727

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Joseph C. Merek
Primary Examiner
Art Unit 3727